

U.S. Depart. of Health & Human Services. Centers for CDC. Nat. Center for Health Statistics (2022):
U.S. State Life Tables, 2019. National Vital Statistics Report Volume 70, Number 18. 18pp.
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Table WA-2. Life table for males: Washington, 2019

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.004722	100,000	472	99,585	7,792,562	77.9
1-2	0.000237	99,528	24	99,516	7,692,977	77.3
2-3	0.000211	99,504	21	99,494	7,593,461	76.3
3-4	0.000167	99,483	17	99,475	7,493,967	75.3
4-5	0.000125	99,467	12	99,460	7,394,492	74.3
5-6	0.000077	99,454	8	99,450	7,295,032	73.4
6-7	0.000056	99,446	6	99,444	7,195,582	72.4
7-8	0.000048	99,441	5	99,438	7,096,138	71.4
8-9	0.000050	99,436	5	99,434	6,996,700	70.4
9-10	0.000062	99,431	6	99,428	6,897,266	69.4
10-11	0.000085	99,425	8	99,421	6,797,838	68.4
11-12	0.000119	99,417	12	99,411	6,698,417	67.4
12-13	0.000169	99,405	17	99,396	6,599,006	66.4
13-14	0.000235	99,388	23	99,376	6,499,610	65.4
14-15	0.000317	99,365	31	99,349	6,400,234	64.4
15-16	0.000409	99,333	41	99,313	6,300,885	63.4
16-17	0.000508	99,293	50	99,267	6,201,572	62.5
17-18	0.000612	99,242	61	99,212	6,102,305	61.5
18-19	0.000715	99,181	71	99,146	6,003,093	60.5
19-20	0.000814	99,110	81	99,070	5,903,947	59.6
20-21	0.000911	99,030	90	98,985	5,804,877	58.6
21-22	0.001001	98,940	99	98,890	5,705,892	57.7
22-23	0.001070	98,841	106	98,788	5,607,002	56.7
23-24	0.001113	98,735	110	98,680	5,508,214	55.8
24-25	0.001135	98,625	112	98,569	5,409,534	54.8
25-26	0.001150	98,513	113	98,456	5,310,965	53.9
26-27	0.001164	98,400	115	98,343	5,212,509	53.0
27-28	0.001177	98,285	116	98,227	5,114,166	52.0
28-29	0.001192	98,170	117	98,111	5,015,939	51.1
29-30	0.001210	98,053	119	97,993	4,917,828	50.2
30-31	0.001231	97,934	121	97,874	4,819,834	49.2
31-32	0.001253	97,813	123	97,752	4,721,961	48.3
32-33	0.001245	97,691	122	97,630	4,624,209	47.3
33-34	0.001306	97,569	127	97,505	4,526,579	46.4
34-35	0.001338	97,442	130	97,377	4,429,073	45.5
35-36	0.001377	97,311	134	97,244	4,331,697	44.5
36-37	0.001427	97,177	139	97,108	4,234,452	43.6
37-38	0.001489	97,039	145	96,966	4,137,344	42.6
38-39	0.001570	96,894	152	96,818	4,040,378	41.7
39-40	0.001672	96,742	162	96,661	3,943,560	40.8
40-41	0.001797	96,580	174	96,494	3,846,898	39.8
41-42	0.001946	96,407	188	96,313	3,750,405	38.9
42-43	0.002116	96,219	204	96,117	3,654,092	38.0
43-44	0.002298	96,016	221	95,905	3,557,975	37.1
44-45	0.002489	95,795	238	95,676	3,462,069	36.1
45-46	0.002698	95,556	258	95,428	3,366,394	35.2
46-47	0.002930	95,299	279	95,159	3,270,966	34.3
47-48	0.003183	95,020	302	94,868	3,175,807	33.4
48-49	0.003468	94,717	328	94,553	3,080,939	32.5
49-50	0.003788	94,389	358	94,210	2,986,386	31.6
50-51	0.004149	94,031	390	93,836	2,892,176	30.8
51-52	0.004543	93,641	425	93,428	2,798,340	29.9
52-53	0.004955	93,216	462	92,985	2,704,912	29.0

Table WA-2. Life table for males: Washington, 2019

Age (years)	Probability of dying between ages x and x + 1	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
53-54	0.005366	92,754	498	92,505	2,611,927	28.2
54-55	0.005780	92,256	533	91,989	2,519,423	27.3
55-56	0.006170	91,723	566	91,440	2,427,433	26.5
56-57	0.006598	91,157	601	90,856	2,335,994	25.6
57-58	0.007150	90,555	647	90,232	2,245,138	24.8
58-59	0.007881	89,908	709	89,554	2,154,906	24.0
59-60	0.008755	89,199	781	88,809	2,065,352	23.2
60-61	0.009720	88,418	859	87,989	1,976,544	22.4
61-62	0.010677	87,559	935	87,091	1,888,555	21.6
62-63	0.011577	86,624	1,003	86,123	1,801,464	20.8
63-64	0.012371	85,621	1,059	85,092	1,715,341	20.0
64-65	0.013106	84,562	1,108	84,008	1,630,249	19.3
65-66	0.013861	83,454	1,157	82,875	1,546,242	18.5
66-67	0.014922	82,297	1,228	81,683	1,463,366	17.8
67-68	0.016028	81,069	1,299	80,419	1,381,684	17.0
68-69	0.017254	79,769	1,376	79,081	1,301,264	16.3
69-70	0.018621	78,393	1,460	77,663	1,222,183	15.6
70-71	0.020125	76,933	1,548	76,159	1,144,520	14.9
71-72	0.021795	75,385	1,643	74,564	1,068,361	14.2
72-73	0.023689	73,742	1,747	72,869	993,797	13.5
73-74	0.025887	71,995	1,864	71,063	920,928	12.8
74-75	0.028465	70,131	1,996	69,133	849,865	12.1
75-76	0.031466	68,135	2,144	67,063	780,732	11.5
76-77	0.034928	65,991	2,305	64,839	713,669	10.8
77-78	0.038879	63,686	2,476	62,448	648,830	10.2
78-79	0.043351	61,210	2,654	59,883	586,382	9.6
79-80	0.048392	58,557	2,834	57,140	526,498	9.0
80-81	0.053989	55,723	3,008	54,219	469,358	8.4
81-82	0.060270	52,715	3,177	51,126	415,140	7.9
82-83	0.067383	49,537	3,338	47,868	364,014	7.3
83-84	0.075480	46,199	3,487	44,456	316,145	6.8
84-85	0.084770	42,712	3,621	40,902	271,689	6.4
85-86	0.094698	39,092	3,702	37,241	230,787	5.9
86-87	0.106585	35,390	3,772	33,504	193,547	5.5
87-88	0.119654	31,618	3,783	29,726	160,043	5.1
88-89	0.133941	27,835	3,728	25,970	130,317	4.7
89-90	0.149468	24,106	3,603	22,305	104,346	4.3
90-91	0.166233	20,503	3,408	18,799	82,041	4.0
91-92	0.184209	17,095	3,149	15,520	63,242	3.7
92-93	0.203340	13,946	2,836	12,528	47,722	3.4
93-94	0.223536	11,110	2,484	9,868	35,194	3.2
94-95	0.244679	8,627	2,111	7,571	25,326	2.9
95-96	0.266618	6,516	1,737	5,647	17,754	2.7
96-97	0.289177	4,779	1,382	4,088	12,107	2.5
97-98	0.312155	3,397	1,060	2,867	8,019	2.4
98-99	0.335337	2,336	783	1,945	5,153	2.2
99-100	0.358499	1,553	557	1,275	3,208	2.1
100 and over	1.000000	996	996	1,934	1,934	1.9

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table WA-3. Life table for females: Washington, 2019

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.003845	100,000	384	99,656	8,211,243	82.1
1-2	0.000410	99,616	41	99,595	8,111,586	81.4
2-3	0.000090	99,575	9	99,570	8,011,991	80.5
3-4	0.000111	99,566	11	99,560	7,912,421	79.5
4-5	0.000044	99,555	4	99,553	7,812,861	78.5
5-6	0.000100	99,550	10	99,545	7,713,308	77.5
6-7	0.000107	99,540	11	99,535	7,613,763	76.5
7-8	0.000110	99,530	11	99,524	7,514,228	75.5
8-9	0.000107	99,519	11	99,513	7,414,703	74.5
9-10	0.000100	99,508	10	99,503	7,315,190	73.5
10-11	0.000092	99,498	9	99,494	7,215,687	72.5
11-12	0.000088	99,489	9	99,485	7,116,193	71.5
12-13	0.000093	99,480	9	99,476	7,016,708	70.5
13-14	0.000112	99,471	11	99,466	6,917,233	69.5
14-15	0.000143	99,460	14	99,453	6,817,767	68.5
15-16	0.000178	99,446	18	99,437	6,718,314	67.6
16-17	0.000212	99,428	21	99,418	6,618,877	66.6
17-18	0.000248	99,407	25	99,395	6,519,460	65.6
18-19	0.000281	99,382	28	99,368	6,420,065	64.6
19-20	0.000313	99,354	31	99,339	6,320,697	63.6
20-21	0.000349	99,323	35	99,306	6,221,358	62.6
21-22	0.000387	99,289	38	99,269	6,122,052	61.7
22-23	0.000413	99,250	41	99,230	6,022,783	60.7
23-24	0.000425	99,209	42	99,188	5,923,553	59.7
24-25	0.000428	99,167	42	99,146	5,824,365	58.7
25-26	0.000427	99,125	42	99,103	5,725,219	57.8
26-27	0.000432	99,082	43	99,061	5,626,116	56.8
27-28	0.000454	99,039	45	99,017	5,527,055	55.8
28-29	0.000500	98,994	49	98,970	5,428,038	54.8
29-30	0.000564	98,945	56	98,917	5,329,068	53.9
30-31	0.000637	98,889	63	98,858	5,230,151	52.9
31-32	0.000708	98,826	70	98,791	5,131,293	51.9
32-33	0.000749	98,756	74	98,719	5,032,502	51.0
33-34	0.000816	98,682	81	98,642	4,933,783	50.0
34-35	0.000850	98,602	84	98,560	4,835,141	49.0
35-36	0.000887	98,518	87	98,474	4,736,581	48.1
36-37	0.000931	98,431	92	98,385	4,638,107	47.1
37-38	0.000976	98,339	96	98,291	4,539,722	46.2
38-39	0.001024	98,243	101	98,193	4,441,431	45.2
39-40	0.001079	98,142	106	98,089	4,343,239	44.3
40-41	0.001143	98,037	112	97,981	4,245,149	43.3
41-42	0.001220	97,924	119	97,865	4,147,168	42.4
42-43	0.001311	97,805	128	97,741	4,049,304	41.4
43-44	0.001415	97,677	138	97,608	3,951,563	40.5
44-45	0.001530	97,539	149	97,464	3,853,955	39.5
45-46	0.001664	97,389	162	97,308	3,756,491	38.6
46-47	0.001814	97,227	176	97,139	3,659,183	37.6
47-48	0.001968	97,051	191	96,955	3,562,044	36.7
48-49	0.002126	96,860	206	96,757	3,465,088	35.8
49-50	0.002301	96,654	222	96,543	3,368,331	34.8
50-51	0.002481	96,432	239	96,312	3,271,789	33.9
51-52	0.002698	96,192	259	96,063	3,175,477	33.0
52-53	0.002995	95,933	287	95,789	3,079,414	32.1

Table WA-3. Life table for females: Washington, 2019

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
53-54	0.003382	95,646	323	95,484	2,983,625	31.2
54-55	0.003818	95,322	364	95,140	2,888,141	30.3
55-56	0.004268	94,958	405	94,755	2,793,001	29.4
56-57	0.004695	94,553	444	94,331	2,698,245	28.5
57-58	0.005086	94,109	479	93,870	2,603,915	27.7
58-59	0.005435	93,630	509	93,376	2,510,045	26.8
59-60	0.005767	93,121	537	92,853	2,416,669	26.0
60-61	0.006120	92,584	567	92,301	2,323,816	25.1
61-62	0.006510	92,018	599	91,718	2,231,515	24.3
62-63	0.006925	91,419	633	91,102	2,139,797	23.4
63-64	0.007374	90,786	669	90,451	2,048,695	22.6
64-65	0.007871	90,116	709	89,761	1,958,244	21.7
65-66	0.008383	89,407	750	89,032	1,868,483	20.9
66-67	0.009080	88,657	805	88,255	1,779,451	20.1
67-68	0.009915	87,852	871	87,417	1,691,196	19.3
68-69	0.010968	86,981	954	86,504	1,603,779	18.4
69-70	0.012213	86,027	1,051	85,502	1,517,275	17.6
70-71	0.013617	84,977	1,157	84,398	1,431,773	16.8
71-72	0.015111	83,819	1,267	83,186	1,347,375	16.1
72-73	0.016671	82,553	1,376	81,865	1,264,189	15.3
73-74	0.018301	81,177	1,486	80,434	1,182,324	14.6
74-75	0.020100	79,691	1,602	78,890	1,101,891	13.8
75-76	0.022179	78,089	1,732	77,223	1,023,001	13.1
76-77	0.024669	76,357	1,884	75,415	945,777	12.4
77-78	0.027657	74,474	2,060	73,444	870,362	11.7
78-79	0.031275	72,414	2,265	71,281	796,918	11.0
79-80	0.035544	70,149	2,493	68,902	725,637	10.3
80-81	0.040386	67,656	2,732	66,290	656,734	9.7
81-82	0.045734	64,923	2,969	63,439	590,445	9.1
82-83	0.050444	61,954	3,125	60,392	527,006	8.5
83-84	0.057375	58,829	3,375	57,141	466,615	7.9
84-85	0.065157	55,454	3,613	53,647	409,473	7.4
85-86	0.073867	51,840	3,829	49,926	355,826	6.9
86-87	0.083579	48,011	4,013	46,005	305,900	6.4
87-88	0.094366	43,998	4,152	41,922	259,896	5.9
88-89	0.106290	39,846	4,235	37,729	217,973	5.5
89-90	0.119407	35,611	4,252	33,485	180,244	5.1
90-91	0.133756	31,359	4,194	29,262	146,759	4.7
91-92	0.149359	27,164	4,057	25,136	117,498	4.3
92-93	0.166215	23,107	3,841	21,187	92,362	4.0
93-94	0.184295	19,266	3,551	17,491	71,175	3.7
94-95	0.203542	15,716	3,199	14,116	53,684	3.4
95-96	0.223866	12,517	2,802	11,116	39,567	3.2
96-97	0.245145	9,715	2,382	8,524	28,452	2.9
97-98	0.267226	7,333	1,960	6,353	19,927	2.7
98-99	0.289928	5,374	1,558	4,595	13,574	2.5
99-100	0.313047	3,816	1,194	3,218	8,979	2.4
100 and over	1.000000	2,621	2,621	5,761	5,761	2.2

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.